

PSYCO 354 Quiz 7

Define the term 'serial processing'. Why is this term important to cognitive science?

Name:

ID #:

Serial processing is the notion that an information processor can only carry out one operation at a time. That is, it can only use one rule at a time to manipulate stored information.

This term is important because it is typically taken as a property of classical cognitive science, and is abandoned by both connectionist and embodied cognitive scientists. However, careful reflection reveals that not all classical models use serial processing, and that serial processing may also characterize some models proposed by connectionist and by embodied cognitive scientists.